

# Work Order ID 57545

April 8, 2010 9:13:33 AM



Page 1

Item ID: D3085-041

Accept



Setup Start



Revision ID:

Stop



Item Name: prop ass'y

Start Date: 4/08/10 Start Qty: 4.00



Cust Item ID:

Required Date: 4/13/10 Req'd Qty: 4.00

Customer:

Reference:

Run Start



Approvals:

Process Plan:

Date:

Tooling:

Date:

Stop



QC:

Date:

SPC (Y/N):

Date:

Sequence ID/  
Work Center ID

Operation  
Description

Set Up/  
Run Hours

Draw  
Number

Draw  
Rev.

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

Draw Nbr

Revision Nbr

D3085

Rev A1

100

0.00



Small Fab

Small Fab

Memo

0.00

Small Fab

Assemble as per dwg D3085

= 7 m-h 10/04/13

110

QC5- Inspect part completeness to step on W/O

0.00



QC

Memo

0.00

Quality Control

Sub 4/13



120

Identify as per dwg & Stock Location: 371

0.00



Packaging

Memo

0.00

Packaging

10-4-15 SP (44)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

**Work Order ID 57545**

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Page 2

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Item Name: prop ass'y

Start Date: 4/08/10 Start Qty: 4.00



Cust Item ID:

Required Date: 4/13/10 Req'd Qty: 4.00



Customer:

Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

Run Start



QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Stop

Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run HoursDraw  
NumberDraw  
Rev.Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

130

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

10/04/19

MF 10-4-16

**Dart Aerospace Ltd**

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_  
 Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

April 8, 2010 9:13:29 AM

Page 1

Work Order ID: 57545

Parent Item: D3085-041

Parent Item Name: prop ass'y


Comments: IPP B002.03.05 Added dwg Rev.A1 NG

Start Date: 4/08/10

Required Date: 4/13/10

Start Qty: 4.00

Required Qty: 4.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
AN4-5A  Bolt		Purchased	No			100	Each	125.0000	4.0000			

Warehouse  
Location

Loc Qty

Loc Code

Main Warehouse

ST356

125

112933 ✓

25

114108

100

AN960JD10

Purchased

No

100

Each

0.0000

12.0000



NAS1149D0363J

M114292



4X m-h 10/04/13 \*  
12x m-h 10/04/13 \*

Washer

AN960JD10L

Purchased

No

100

Each

4,685.000

12.0000



M110985



12 m-h 10/04/13

Washer

Warehouse  
Location

Loc Qty

Loc Code

Main Warehouse

ST348

4685

110985 ✓

4685

AN960JD416

Purchased

No

100

Each

0.0000

8.0000



NAS1149D0463J

M113706



8x m-h 10/04/13 \*

Washer

# Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

April 8, 2010 9:13:30 AM

Work Order ID: 57545



Parent Item: D3085-041



Parent Item Name: prop ass'y

Start Date: 4/08/10

Required Date: 4/13/10

Comments: IPP B02.03.05 Added dwg Rev.A1 NG

Start Qty: 4.00

Required Qty: 4.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
AN960JD516L 		Purchased	No			100	Each	141.0000	4.0000			

Washer

Warehouse                      Loc Qty                      Loc Code  
Location

Main Warehouse

ST347

141

112466 ✓

141

D3015-3

Manufactured

No

100

Each

130.0000

4.0000



Locknut

Warehouse                      Loc Qty                      Loc Code  
Location

Main Warehouse

ST033

130

43758

26

48238

4

56701 ✓

100

D3081-1

Manufactured

No

100

Each

4.0000

4.0000



Hinge

Warehouse                      Loc Qty                      Loc Code  
Location

Main Warehouse

ST036

4

47845 ✓

4

4X m-k 10/04/13

4X m-k 10/04/13

4X m-k 10/04/13

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

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**NOTE:** Date & initial all entries



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Work Order ID: 57545



Parent Item: D3085-041



Parent Item Name: prop ass'y

Start Date: 4/08/10

Required Date: 4/13/10

Comments: IPP B02.03.05 Added dwg Rev.A1 NG

Start Qty: 4.00

Required Qty: 4.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
D3082-1		Manufactured	No			100	Each	64.0000	4.0000			
Clip												

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST036

64

47294 ✓

24

47846

40

4x m-1 10/04/13

D3084-1 Manufactured No

100

Each

6.0000

4.0000



Strut

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST271

6

47847 ✓

6

4x m-1 10/04/13

MS21042L3 Purchased No

100

Each

1,331.000

12.0000



Nut

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST300

1331

113537 ✓

347

113644

984

12 m-1 10/04/13

# Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

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**NOTE:** Date & initial all entries

# Picklist Print

April 8, 2010 9:13:31 AM

Work Order ID: 57545



Parent Item: D3085-041



Parent Item Name: prop ass'y

Start Date: 4/08/10

Required Date: 4/13/10

Comments: IPP B02.03.05 Added dwg Rev.A1 NG

Start Qty: 4.00

Required Qty: 4.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
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MS21042L4		Purchased	No			100	Each	1,566.000	4.0000			
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Nut

Warehouse Location	Loc Qty	Loc Code
Main Warehouse		
ST139	2	
111827 ✓	2	
Main Warehouse		
ST300	1564	
113422 ✓	556	
114108	1000	
9063	8	

MS27039-1-13		Purchased	No			100	Each	82.0000	12.0000			
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Screw

Warehouse Location	Loc Qty	Loc Code
Main Warehouse		
ST292	82	
110844 ✓	82	

10/04/13  
4X m-l  
12X m-l  
10/04/13

**Dart Aerospace Ltd**

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

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Parent Item Name: prop ass'y


Start Date: 4/08/10

Required Date: 4/13/10

Comments: IPP B02.03.05 Added dwg Rev.A1 NG

Start Qty: 4.00

Required Qty: 4.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
SL69-BS 		Purchased	No			100	Each	55.0000	4.0000			

Ball Stud

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
<u>Location</u>		
Main Warehouse		
ST397	55	
112061 ✓	55	

10/04/13

4X m-1

**Dart Aerospace Ltd**

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

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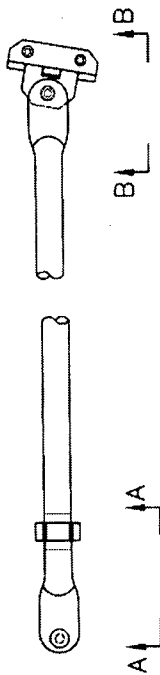
**NOTE:** Date & initial all entries



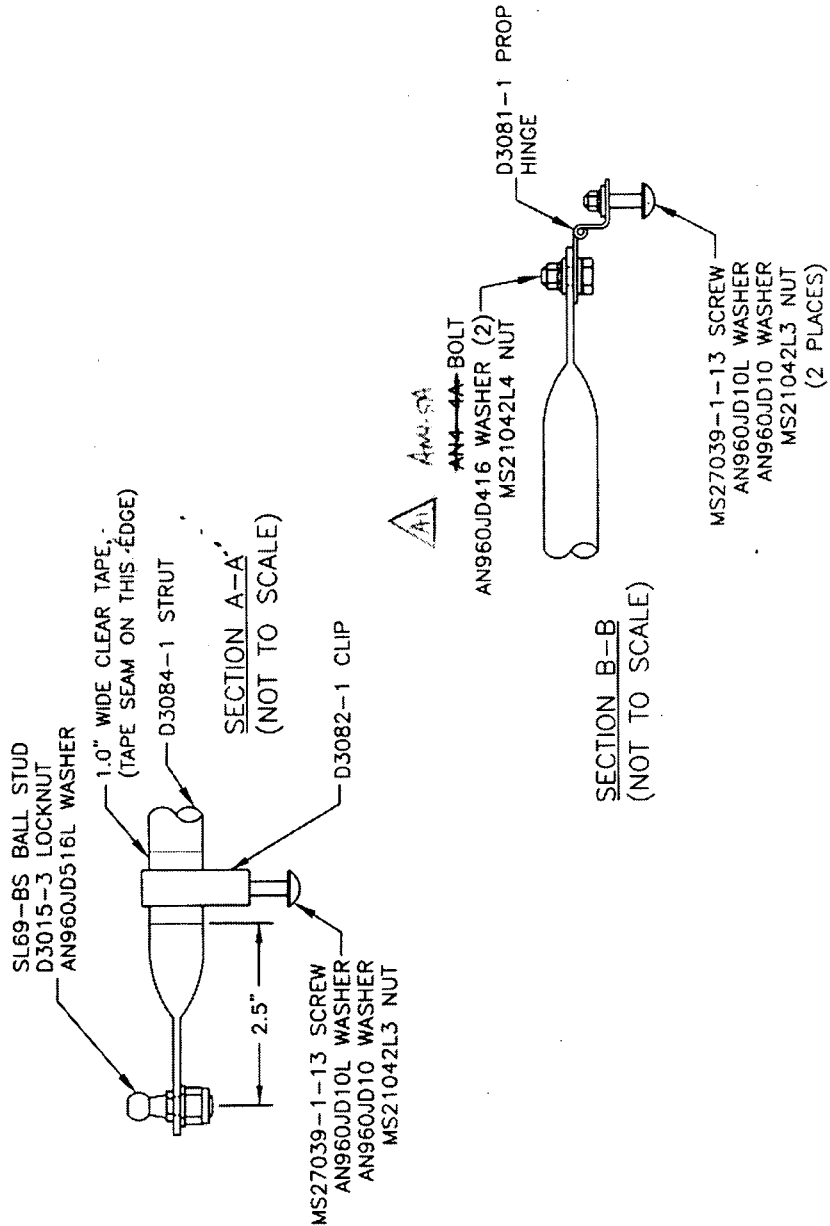
DESIGN	CP	DRAWN BY	CP	DART AEROSPACE LTD	REV. A
CHECKED	#	APPROVED	#	D3085	SHEET 1 OF 1
DATE	02.01.23	TITLE	PROP ARM ASSEMBLY	SCALE	1:5
A	02.01.23	NEW ISSUE			
A1	02.02.25	AN4-SA WBS AN4-4A			

02.01.25

w/o 57545



D3085-041 PROP ARM ASSEMBLY



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# Lean Is...

“LEAN IS... A mindset, or way of thinking

- A commitment to achieve a totally waste-free operation focused on the customer's success
- Achieved by simplifying and continuously improving all processes and relationships in an environment of trust, respect and full employee involvement
- It is about people, simplicity, flow, visibility, partnerships and true value as perceived by the customer.”